

## DECLARATION AND POWER OF ATTORNEY

## DECLARATION

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SENSORLESS SWITCHED RELUCTANCE ELECTRIC MACHINE WITH  
SEGMENTED STATOR**

the specification of which (check one)



is attached hereto.

or



was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended  
on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under Title 35, United States Code, section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

			<u>Priority Claim</u>	
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

## DECLARATION AND POWER OF ATTORNEY

I hereby claim the benefit under Title 35, United States Code, '119(e) of any United States Provisional application(s) listed below:

### PRIOR PROVISIONAL APPLICATIONS

(application serial number)













(Month/Day/Year filed)

(application serial number)

(Month/Day/Year filed)


### PRIOR U.S. APPLICATIONS

I hereby claim the benefit under Title 35, United States Code, section 120 of any United States application(s) listed below:


Application Serial No.	Filing Date	Status - patented, pending, abandoned
		
		
		
		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### POWER OF ATTORNEY

I hereby appoint each practitioner at Customer Number 27572, (  ) of Harness, Dickey & Pierce, P.L.C., my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

### CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Customer No. 27572, (  ) Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

DECLARATION AND POWER OF ATTORNEY

**Full name of sole or first inventor:** C. Theodore Peachee

Inventor's signature: C. Theodore Peachee

Date: 3/22/01

Residence: 12818 Branchmont Court, St. Louis, Missouri 63146, United States of America

Citizenship: United States

Mailing Address: Same

**Full name of second joint inventor, if any:** Donald J. Williams

Second Inventor's signature: Donald J. Williams

Date: 3-22-01

Residence: 441 Main Street, Pierron, Illinois 62273, United States of America

Citizenship: United States

Mailing Address: Same

**Full name of third joint inventor, if any:** James A. Wafer

Third Inventor's signature: James A. Wafer

Date: 22-MAR-01

Residence: 10 Bourbon Court, Belleville, Illinois 62226, United States of America

Citizenship: United States

Mailing Address: Same

**Full name of fourth joint inventor, if any:** Marielle Piron

Fourth Inventor's signature: M. Piron

Date: 15th March 2001

Residence: 9 Strawberry Dale Terrace, HG1 5EQ Harrogate, North Yorkshire, United Kingdom

Citizenship: Belgian

Mailing Address: Same

DECLARATION AND POWER OF ATTORNEY

**Full name of fifth joint inventor, if any:** Steven P. Randall

Fifth Inventor's signature: Steven P. Randall

Date: 16<sup>th</sup> March 2001

Residence: 40 St. Helen's Lane, Adel, Leeds LS16 8BS, United Kingdom

Citizenship: Great Britain

Mailing Address: Same

**Full name of sixth joint inventor, if any:** Richard S. Wallace, Jr.

Sixth Inventor's signature: Richard S. Wallace

Date: 22 March 2001

Residence: 616 Chartier Drive, Ferguson, Missouri 63135, United States of America

Citizenship: United States

Mailing Address: Same

**Full name of seventh joint inventor, if any:** Michael L. McClelland

Seventh Inventor's signature: Michael L. McClelland

Date: 19<sup>th</sup> March 2001

Residence: 75 Thornhill St., Calverley, Leeds LS28 5PR, United Kingdom

Citizenship: United Kingdom

Mailing Address: Same

## ACKNOWLEDGEMENT ASSIGNMENT AND UNDERTAKING

This Acknowledgement Assignment and Undertaking is made the 28<sup>th</sup> day of February 2001.

5

To: Switched Reluctance Drives Limited (hereinafter referred to as 'the Company') of East Park House, Otley Road, Harrogate, North Yorkshire, HG3 1PR, England.

10

I, Marielle Piron of 9 Strawberry Dale Terrace, Harrogate, HG1 5EQ, England, a joint inventor of the invention relating to: Sensorless Switched Reluctance Electric Machine with Segmented Stator, the subject of a United States Patent Application and identified in your books and those of your patent agents as Case No. E-2297,

15

### ACKNOWLEDGE

(1) that at the time the invention was made I was an employee of your undertaking;

20

(2) that the invention was made in the course of my normal duties as your employee or in the course of duties falling outside my normal duties, but specifically assigned to me, and the circumstances were such that an invention might reasonably be expected to result from the carrying out of my duties, or that the invention was made in the course of my duties and, at the time of making the invention, because of the nature of my duties and the particular responsibilities arising from the nature of my duties I had a special obligation to further the interests of your undertaking;

25

(3) that the above identified invention belongs to you, and:

(4) that you are exclusively entitled to any rights I may have as inventor to apply for or secure the grant in or outside the United Kingdom of Patent or other protection for the invention and the right to claim priority for applications for such Patent or other protection by virtue of the circumstances set forth above.

Now in consideration of the sum of £1, receipt whereof I hereby acknowledge, I HEREBY ASSIGN the rights specified under (4), if any, to you absolutely.

I HEREBY UNDERTAKE that at your request and cost I will execute all such documents and do all such things as may be necessary or convenient for obtaining the grant of a United Kingdom Patent or Patents and corresponding protection elsewhere in respect of the invention and for vesting the invention and all rights pertaining to it as you may direct.

Signed: *[Signature]*

Witnessed: *[Signature]*

Norman N Fulton  
BSc PhD CEng FIEE  
3 Birkdale Walk  
Leeds LS17 7SX UK

Accepted for and on behalf of  
Switched Reluctance Drives Limited

*[Signature]*  
Gerald Lidster  
Company Secretary

## ACKNOWLEDGEMENT ASSIGNMENT AND UNDERTAKING

This Acknowledgement Assignment and Undertaking is made the 28<sup>th</sup> day of February 2001.

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To: Switched Reluctance Drives Limited (hereinafter referred to as 'the Company') of East Park House, Otley Road, Harrogate, North Yorkshire, HG3 1PR, England.

10

I, Steven Paul Randall of 40 St Helen's Lane. Adel, Leeds, LS16 8BS, England, a joint inventor of the invention relating to: Sensorless Switched Reluctance Electric Machine with Segmented Stator, the subject of a United States Patent Application and identified in your books and those of your patent agents as Case No. E-2297,

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15 and all rights pertaining to it as you may direct.

Signed: Steve Pundell

Witnessed: Norman N Fulton

20

**Norman N Fulton**  
BSc PhD CEng FIEE  
3 Birkdale Walk  
Leeds LS17 7SX UK

Accepted for and on behalf of  
Switched Reluctance Drives Limited

25

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Gerald Lister  
Company Secretary



## ACKNOWLEDGEMENT ASSIGNMENT AND UNDERTAKING

This Acknowledgement Assignment and Undertaking is made the 28<sup>th</sup> day of February 2001.

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To: Switched Reluctance Drives Limited (hereinafter referred to as 'the Company') of East Park House, Otley Road, Harrogate, North Yorkshire, HG3 1PR, England.

10

I, Michael Leo McClelland of 75 Thornhill Street, Calverley, Leeds, LS28 5PR, England, a joint inventor of the invention relating to: Sensorless Switched Reluctance Electric Machine with Segmented Stator, the subject of a United States Patent Application and identified in your books and those of your patent agents as Case No. E-2297,

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25

further the interests of your undertaking;

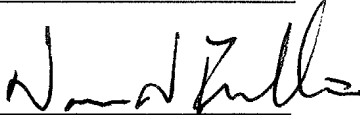
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Signed: 

Witnessed: 

Norman N Fulton  
BSc PhD CEng FIEE  
3 Birkdale Walk  
Leeds LS17 7SX UK

Accepted for and on behalf of  
Switched Reluctance Drives Limited

  
Gerald Lidster  
Company Secretary